

FEB 15 2002

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Substitution for form 1449 <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		<b>Complete If Known</b>	
		Application Number	09/990,102
		Filing Date	November 21, 2001
		First Named Inventor	Akeson et al.
		Group Art Unit	1654
Examiner Name	LEARY, L		
Sheet 1 of 1	Attorney Docket Number	UCAL199	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.*	U.S. Patent Documents		Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code* (if known)		
CC		5,573,905		Lerner et al.	11/12/96
CC		5,723,598		Lerner et al.	03/03/98
CC		6,015,714		Baldarelli et al.	01/18/00

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.*	Foreign Patent Documents			Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office*	Number*	Kind Code* (if known)		
CC			WO00/28312		Akeson	05/18/00

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T*
CC		Akeson et al., Biophys. J. (1999) 77:3227-3233	
CC		Kasianowicz, et al., Proc. Natl. Acad. Sci. USA (1996) 93: 13770-13773	
CC		Wonderlin et al., Biophys. J. (1990) 58:289-297	

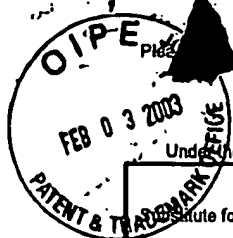
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		First Named Inventor	Nark Akeson
		Group Art Unit	1654
Examiner Name	Unassigned		
Attorney Docket Number	UCAL-199		
Sheet	1	of	1

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Documents		Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, columns, lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
EE		5,760,190		Cigan et al.	06-02-1998	530/370

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Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Documents			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
EE			WO 96/29593		Harvard College	09-26-1996		
EE			WO 01/18251		Deamer; University of California	03-15-2001		
EE			WO 01/42782		Harvard College	06-14-2001		

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EE		BURGES et al., "A Tutorial on Support Vector Machines for Pattern Recognition" Data Mining and Knowledge Discovery, Kluwer Academic Publishers, Netherlands, 2(2):121-167 (1998)	
EE		DEAMER et al., "Characterization of Nucleic Acids by Nanopore Analysis" Acc. Chem. Res. 35:817-825 (2002)	
EE		DEAMER et al., "Nanopores and nucleic acids: prospects for ultrarapid sequencing" Trends in Biotechnology 18:147-151 (April 2000)	
EE		VERCOUTERE et al., "Rapid discrimination among individual DAN hairpin molecules at single-nucleotide resolution using an ion channel" Nature Biotechnology, 19:248-252 (March 2001)	

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